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1	11	(("4740951") or ("4852960") or ("5029981") or ("5500916") or ("6023354") or ("6031951") or ("6035089") or ("6101302") or ("6459533") or ("6490393") or ("6522795").PN. (multi-dimensional or N-dimensional or (multi adj dimensional) or N-D or multi-D) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) ("6212312").PN. (("6212312").PN.) and Bragg (("4111824") or ("5583683") or ("5457760") or ("5216680")) . PN. "6212312" 1	2003/03/12 14:31
2	0	(("4740951") or ("4852960") or ("5029981") or ("5500916") or ("6023354") or ("6031951") or ("6035089") or ("6101302") or ("6459533") or ("6490393") or ("6522795").PN. (multi-dimensional or N-dimensional or (multi adj dimensional) or N-D or multi-D) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near2 (grating or gratings) ("6212312").PN. (("6212312").PN.) and (material or materials) (("6212312").PN.) and (Si or Silicon) (("6212312").PN.) and (semiconductor) (("6404947") or ("6212312").PN. - 1346 ((359/566) or (359/568) or (359/569) or (359/570) or (359/571) or (359/572) or (359/573) or (359/574) or (359/575) or (359/576).CCLS. - 1329 (385/37).CCLS. - 147 ((359/566) or (359/568) or (359/569) or (359/570) or (359/571) or (359/572) or (359/573) or (359/574) or (359/575) or (359/576).CCLS. - 310 ((385/37).CCLS. - 721 ((359/566) or (359/568) or (359/569) or (359/570) or (359/571) or (359/572) or (359/573) or (359/574) or (359/575) or (359/576).CCLS.) and (substrate or substrates) - 677 ((385/37).CCLS.) and (substrate or substrates) - 262 (((359/566) or (359/568) or (359/569) or (359/570) or (359/571) or (359/572) or (359/573) or (359/574) or (359/575) or (359/576).CCLS.) or ((385/37).CCLS.) and (substrate or substrates) - 1325 (((359/566) or (359/568) or (359/569) or (359/570) or (359/571) or (359/572) or (359/573) or (359/574) or (359/575) or (359/576).CCLS.) and (substrate or substrates) or ((385/37).CCLS.) and (substrate or substrates) - 503 (2-D or two-dimensional or two-D or (two adj dimensional) or 2-dimensional or ("2" adj dimensional) near3 (grating or gratings) - 175 (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near3 (grating or gratings) - 122 (2-D or two-dimensional or two-D or (two adj dimensional) or 2-dimensional or ("2" adj dimensional) near3 (grating or gratings) - 57 (3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near3 (grating or gratings)	2003/03/12 13:58
3	136	USPAT	2003/03/12 14:43
8	0	USPAT	2003/03/12 14:44
4	48	IBM_TDB	2003/03/12 14:44
5	2	US-PGPUB	2003/03/12 14:44
6	29	EPO	2003/03/12 14:52
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9	1	DERWENT	2003/03/12 16:26
10	1	USPAT	2003/03/12 16:26
11	4	USPAT	2003/03/12 16:29
12	3	USPAT	2003/03/12 16:30
13	1	USPAT	2003/03/12 16:30
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15	0	USPAT	2003/03/12 16:32
16	0	USPAT	2003/03/12 16:32
17	2	USPAT	2003/03/12 17:37
-	1346	USPAT	2003/03/12 17:37
-	1329	USPAT	2003/03/12 13:57
-	147	US-PGPUB	2003/03/11 11:06
-	310	US-PGPUB	2003/03/11 11:06
-	721	USPAT	2003/03/11 11:06
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-	262	US-PGPUB	2003/03/11 13:28
-	1325	USPAT	2003/03/11 11:09
-	503	USPAT	2003/03/11 13:40
-	175	USPAT	2003/03/12 14:31
-	122	US-PGPUB	2003/03/11 13:42
-	57	US-PGPUB	2003/03/11 13:43

-	623	((2-D or two-dimensional or two-D or (two adj dimensional) or 2-dimensional or ("2" adj dimensional) near3 (grating or gratings) or ((3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near3 (grating or gratings)) and (optical or optic or light))	USPAT	2003/03/11 13:44
-	156	((2-D or two-dimensional or two-D or (two adj dimensional) or 2-dimensional or ("2" adj dimensional) near3 (grating or gratings) or ((3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near3 (grating or gratings)) and (optical or optic or light))	US-PGPUB	2003/03/11 13:44
-	60	((3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near3 (grating or gratings)) and (optical or optic or light))	EPO; JPO; DERWENT; IBM TDB	2003/03/11 14:10
-	141	((2-D or two-dimensional or two-D or (two adj dimensional) or 2-dimensional or ("2" adj dimensional) near3 (grating or gratings) and (optical or optic or light))	EPO; JPO; DERWENT; IBM TDB USOCR	2003/03/11 13:45
-	14	((3-D or three-dimensional or three-D or (three adj dimensional) or 3-dimensional or ("3" adj dimensional) near3 (grating or gratings)) and (optical or optic or light))	USOCR	2003/03/11 14:10
-	6	((2-D or two-dimensional or two-D or (two adj dimensional) or 2-dimensional or ("2" adj dimensional) near3 (grating or gratings) and (optical or optic or light))	USOCR	2003/03/11 14:10
-	8	((("5131060") or ("5195161") or ("5337183") or ("5367582") or ("5367582") or ("5410622") or ("5455178") or ("5502779") or ("5517589").PN.) or ("5517589").PN.)	USPAT	2003/03/11 17:57
-	0	((("5131060") or ("5195161") or ("5337183") or ("5367582") or ("5410622") or ("5455178") or ("5502779") or ("5517589").PN.) and (((formed or form or forming or forms or made or making or make) near3 (dope or doped or doping) with (grating or gratings))	USPAT	2003/03/11 18:06
-	0	((("5131060") or ("5195161") or ("5337183") or ("5367582") or ("5410622") or ("5455178") or ("5502779") or ("5517589").PN.) and ((dope or doped or doping) near6 (grating or gratings))	USPAT	2003/03/11 18:06
-	5	((("5131060") or ("5195161") or ("5337183") or ("5367582") or ("5410622") or ("5455178") or ("5502779") or ("5517589").PN.) and (mirror or mirrors or metal or metals))	USPAT	2003/03/11 18:06
-	7	((("6031951") or ("6144480") or ("6144480") or ("20020180348").PN.) or ("5148302") or ("5779924") or ("5818066") or ("4536608") or ("4536608") or ("6031951") or ("6144480") or ("5148302") or ("5779924") or ("5818066") or ("4536608") or ("20020180348").PN.) and (((formed or form or forming or forms or made or making or make) near3 (dope or doped or doping) with (grating or gratings))	USPAT; US-PGPUB	2003/03/11 18:05
-	0	((("6031951") or ("6144480") or ("20020180348").PN.) or ("5148302") or ("5779924") or ("5818066") or ("4536608") or ("20020180348").PN.) and (((formed or form or forming or forms or made or making or make) near3 (dope or doped or doping) with (grating or gratings))	USPAT; US-PGPUB	2003/03/11 18:06
-	1	((("6031951") or ("6144480") or ("6144480") or ("20020180348").PN.) and ((dope or doped or doping) near6 (grating or gratings))	USPAT; US-PGPUB	2003/03/11 18:08
-	5	((("6031951") or ("6144480") or ("6144480") or ("20020180348").PN.) and (mirror or mirrors or metal or metals))	USPAT; US-PGPUB	2003/03/11 18:20
-	892	(grating or gratings) and (substrate or substrates) and (optical or optic or light) and (reflective or reflecting) adj (layer or layers)	USPAT; US-PGPUB	2003/03/11 18:22
-	1589	(grating or gratings) and (substrate or substrates) and (optical or optic or light) and ((metal or metallic) adj (layer or layers))	USPAT; US-PGPUB	2003/03/11 18:22
-	176	(grating or gratings) and (substrate or substrates) and (optical or optic or light) and (mirror) adj (layer or layers))	USPAT; US-PGPUB	2003/03/11 18:24

-	56	(grating or gratings) and (substrate or substrates) and (optical or optic or light) and (((formed or form or forms or forming or make or made or making or makes) near2 (doping or doped or dope) with (grating or gratings)) (grating or gratings) and (substrate or substrates) and (optical or optic or light) and ((reflective or reflecting) adj (layer or layers) and (metal or metallic))	USPAT; US-PGPUB	2003/03/11 18:57
-	668	((optical or optic) near2 (waveguide or waveguides)) and (grating or gratings) and ((metal or metallic) near2 (layer or layers)) ((optical or optic) near2 (waveguide or waveguides)) and (grating or gratings) and ((metal or metallic) near2 (layer or layers))) and (substrate or substrates)	USPAT; US-PGPUB	2003/03/11 18:40
-	445	((optical or optic) near2 (waveguide or waveguides)) and (grating or gratings) and ((metal or metallic) near2 (layer or layers)) ((optical or optic) near2 (waveguide or waveguides)) and (grating or gratings) and ((metal or metallic) near2 (layer or layers))) and (substrate or substrates)	USPAT	2003/03/11 18:44
-	406	((optical or optic) near2 (waveguide or waveguides)) and (grating or gratings) and ((metal or metallic) near2 (layer or layers))) and (substrate or substrates)	USPAT	2003/03/11 18:44
-	36	(grating or gratings) and (substrate or substrates) and (optical or optic or light) and (((formed or form or forms or forming or make or made or making or makes) near2 (grating or gratings)) with ((doped or doping or dopes or dope) near3 (grating or gratings)))	USPAT; US-PGPUB	2003/03/11 19:06
-	6	(grating or gratings) and (substrate or substrates) and (optical or optic or light) and (((formed or form or forms or forming or make or made or making or makes) near2 (grating or gratings)) with ((diffuse or diffused or diffusing or diffuses) near3 (grating or gratings)))	USPAT; US-PGPUB	2003/03/11 18:59
-	30	(grating or gratings) and (substrate or substrates) and (optical or optic or light) and (((formed or form or forms or forming or make or made or making or makes) near2 (grating or gratings)) with (diffuse or diffused or diffusing or diffuses))	USPAT; US-PGPUB	2003/03/11 19:17
-	81	(grating or gratings) and (((formed or form or forms or forming or make or made or making or makes or created or create or creating or creates) near4 (grating or gratings)) with (diffuse or diffused or diffusing or diffuses))	USPAT; US-PGPUB	2003/03/11 19:22
-	51	((grating or gratings) and (((formed or form or forms or forming or make or made or making or makes or created or create or creating or creates) near4 (grating or gratings)) with (diffuse or diffused or diffusing or diffuses)) not ((grating or gratings) and (substrate or substrates) and (optical or optic or light) and (((formed or form or forms or forming or make or made or making or makes) near2 (grating or gratings)) with (diffuse or diffused or diffusing or diffuses)))	USPAT; US-PGPUB	2003/03/11 19:19
-	323	(grating or gratings) and (((formed or form or forms or forming or make or made or making or makes or created or create or creating or creates) near4 (grating or gratings)) with (dope or dopes or doping or dopant or doped))	USPAT; US-PGPUB	2003/03/12 09:34
-	96	((grating or gratings).ti.) and (((formed or form or forms or forming or make or made or making or makes or created or create or creating or creates) near4 (grating or gratings)) with (dope or dopes or doping or dopant or doped))	USPAT; US-PGPUB	2003/03/12 09:36
-	314	((formed or form or forms or forming or make or made or making or makes or created or create or creating or creates or method or methods) near4 (grating or gratings).ti.)	USPAT; US-PGPUB	2003/03/12 11:19
-	1	("6490393").PN.	USPAT	2003/03/12 11:19
-	1	((("6490393").PN.) and Bragg	USPAT	2003/03/12 11:19

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Efendiev, T.Sh.; Katarkevich, V.M.; Rubinov, A.N.;
 Lasers and Electro-Optics Europe, 2000. Conference Digest. 2000
 Conference on , 10-15 Sep 2000

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Hall, R.C.; Mittra, R.; Mitzner, K.M.;
 Antennas and Propagation, IEEE Transactions on , Volume: 36 Issue:
 4 , Apr 1988
 Page(s): 504 -510

[\[Abstract\]](#) [\[PDF Full-Text \(604 KB\)\]](#) **IEEE JNL****3 Comparative analysis of low-pass filters for the demodulation of projected gratings in 3-D adaptive profilometry**

Sansoni, G.; Biancardi, L.; Docchio, F.; Minoni, U.;
 Instrumentation and Measurement, IEEE Transactions on , Volume:
 43 Issue: 1 , Feb 1994
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[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) **IEEE JNL****4 Performance of a continuous-wave self-adaptive**

gain-grating laser

Crofts, G.J.; Trew, M.; Damzen, M.J.; Eason, R.W.;
Lasers and Electro-Optics, 1999. CLEO '99. Summaries of Papers
Presented at the Conference on , 23-28 May 1999
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5 Diamond-like photonic crystals by holographic lithography

Turberfield, A.J.;
Quantum Electronics and Laser Science Conference, 2001. Technical
Digest. Summaries of Papers Presented at the , 2001
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6 High-efficiency narrow-band holographic reflective filter for DWDM

Efimov, O.M.; Smirnov, V.I.; Glebov, L.B.;
Lasers and Electro-Optics, 2001. CLEO '01. Technical Digest.
Summaries of papers presented at the Conference on , 2001
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7 A polarizer rotator system for three-dimensional oblique incidence

Gimeno, B.; Cruz, J.L.; Navarro, E.A.; Such, V.;
Antennas and Propagation, IEEE Transactions on , Volume: 42 Issue:
7 , Jul 1994
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8 A single-longitudinal-mode holographic solid-state laser oscillator

Damzen, M.J.; Green, R.P.M.; Crofts, G.J.;
Nonlinear Optics: Materials, Fundamentals, and Applications, 1994.
NLO '94 IEEE , 25-29 Jul 1994
Page(s): 418 -420

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9 Grating formation in BGG31 glass by UV exposure

Provenzano, D.; Marshall, W.K.; Yariv, A.; Geraghty, D.F.;
Honkanen, S.; Peyghambarian, N.;
Electronics Letters , Volume: 35 Issue: 16 , 5 Aug 1999
Page(s): 1332 -1334

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